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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.

10/586,053

Confirmation No. 2443

Applicant(s)

Friedrich BOECKING

Filed

July 14, 2006

TC/A.U.

3752

Docket No.

R.306611

Customer No.

02119

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Date: May 9, 2007

## INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97(b), AND EXPLANATION OF THE RELEVANCE OF THE CITED PRIOR ART

Sir:

The undersigned hereby requests that the prior art cited on the attached prior art statement be placed of record in the application file and be considered by the examiner.

This citation of prior art is made under 37 CFR 1.97(b), since it is being filed before the mailing date of the First Office Action.

The relevance of the prior art cited on the attached form PTO/SB/08a is as follows:

## EP 0 218 895 A1

This patent shows a metering valve which includes a piezoelectric cylinder connected via a spring biased needle to a valving element for closing a metering opening. To compensate for slow changes in the length of the piezoelectric control member, there is a damping piston connected axially to the piezoelectric member and being movable in a well formed in the valve housing and defining with the end face of the piston a damping chamber.

Application No. 10/586,053 Prior to First Office Action

A tubular membrane surrounds a portion of the damping piston and is attached to the piezoelectric member and to an inner wall of the housing around the opening of the well to define with the piston an annular equalizing space. The damping and equalizing spaces are filled with liquid and communicate with one another via a narrow throttling gap formed between facing walls of the well and of the piston.

Examination of this application is respectfully requested.

Respectfully submitted,

Ronald E. Greigg

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PTO/SB/08a (09-06)
Approved for use through 03/31/2007. OMB 0651-0031
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Substitute for form 1449A/PTO

Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of

Complete if Known				
Application Number	10/586,053			
Filing Date	July 14, 2006	-		
First Named Inventor	Friedrich BOECKING			
Art Unit	3752			
Examiner Name				
Attorney Docket Number	R.306611			

U.S. PATENT DOCUMENTS					
	Cito	Document Number  Cite No.1 Number-Kind Code 2 (ft known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.1	Foreign Patent Doc Country Code <sup>3</sup> Number <sup>4</sup>	cument Kind Code 5 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т6
		EP 0 218 895	A1	04-22-1987	Dietrich Trachte		
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Examiner	Date	
Signature	Considered	

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinês Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>&</sup>lt;sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST, 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.